

Amendments to the Claims

1. (*Currently Amended*) A structure for a semiconductor arrangement; comprising a resist structure coupled to a substrate; the resist structure comprising:

 [[-]]a depression (~~301~~) for depositing of a solution containing a semiconductor or a precursor thereof (~~309~~) and

 [[-]]a trough (~~305~~) aligning at least part of an edge of the depression (~~309~~) and separated from the depression (~~301~~) by a protrusion (~~307~~).

2. (*Original*) A structure as claimed in claim 1 wherein the resist structure is formed in a single layer of the semiconductor arrangement.

3. (*Currently Amended*) A structure as claimed in claim 1 wherein the trough (~~305~~) substantially surrounds the depression (~~301~~).

4. (*Currently Amended*) A structure as claimed in claim 1 wherein the semiconductor (~~309~~) is an organic semiconductor.

5. (*Currently Amended*) A structure as claimed in claim 1 wherein a width of an end of the protrusion (~~307~~) distal from the substrate is larger than a width of an end of the protrusion (~~307~~) proximal to the substrate.

6. (*Currently Amended*) A structure as claimed in claim 1 wherein a width of an end of the protrusion (~~307~~) proximal to the substrate is larger than a width of an end of the protrusion (~~307~~) distal from the substrate.

7. (*Currently Amended*) A structure ~~as claimed in claim 5 or 6~~ as claimed in claim 5, wherein the protrusion (~~307~~) has a substantially frusto-conical cross section.

8. (*Original*) A structure as claimed in claim 1 wherein the resist structure is formed by a polymer layer.

9. (*Currently Amended*) A structure as claimed in claim 1 wherein a cross section of the depression (301) substantially perpendicular to the direction of depression comprises rounded corners.

10. (*Currently Amended*) A structure as claimed in claim 1 wherein a cross section of the depression (301) substantially perpendicular to the direction of depression is substantially rectangular.

11. (*Currently Amended*) A structure as claimed in claim 1 wherein a depth of the trough (305) is substantially the same as a depth of the depression (301).

12. (*Currently Amended*) A structure as claimed in claim 1 wherein the depression (301) comprises a semiconductor forming an active layer of a field effect transistor.

13. (*Currently Amended*) A structure as claimed in claim 12 wherein the field effect transistor comprises a source (601) and drain (603) having a plurality of interdigitated electrodes and a gate (605) extending across the plurality of interdigitated electrodes.

14. (*Currently Amended*) A structure as claimed in claim 13 wherein the depression (301) extends beyond the gate (605) in a direction substantially perpendicular to the longitudinal direction of the interdigitated fingers.

15. (*Currently Amended*) A structure as claimed in claim 14 wherein the depression (301) does not extend beyond the gate (605) in a direction substantially aligned with the longitudinal direction of the interdigitated fingers.

16. (*Currently Amended*) An electronic device comprising the resist structure of ~~any of the claims 1-15.~~ of claim 1.

17. (*Currently Amended*) ~~An electronic device as claimed in claim 16 provided with an integrated circuit comprising the structure of claim 12.~~

An electronic device, comprising a resist structure coupled to a substrate; the resist structure comprising:

a depression for depositing of a solution containing a semiconductor or a precursor thereof and

a trough aligning at least part of an edge of the depression and separated from the depression by a protrusion,

wherein the depression comprises a semiconductor forming an active layer of a field effect transistor.

18. (*Currently Amended*) ~~An electronic device as claimed in claim 16, provided with an active matrix backplane or active matrix display comprising the structure of claim 12.~~

An electronic device comprising a resist structure coupled to a substrate; the resist structure comprising:

a depression for depositing of a solution containing a semiconductor or a precursor thereof and

a trough aligning at least part of an edge of the depression and separated from the depression by a protrusion, provided with

an active matrix backplane or active matrix display comprising,

a structure for a semiconductor arrangement; comprising a resist structure coupled to a substrate; the resist structure comprising:

a depression for depositing of a solution containing a semiconductor or a precursor thereof and

a trough aligning at least part of an edge of the depression and separated from the depression by a protrusion,

wherein the depression comprises a semiconductor forming an active layer of a field effect transistor.

19. (*Original*) An electroluminescent device comprising the structure of claim 12.

20. (*Currently Amended*) A method of manufacturing a semiconductor arrangement; the method comprising the steps of:

[[-]] providing a substrate;

[[-]] applying a resist structure coupled to the substrate; the resist structure comprising a depression (301) for depositing of a solution containing a semiconductor (309) or a precursor thereof and a trough aligning at least part of an edge of the depression (301) and separated from the depression (301) by a protrusion (307); and

[[-]] depositing the solution containing the semiconductor (309) in the depression (301).

21. (*Currently Amended*) A method as claimed in claim 20 wherein the depositing of the solution (309) is by a printing process.

22. (*Currently Amended*) A method as claimed in claim 21 wherein the depositing of the solution (309) is by an ink jet printing process.